MAT-8897US

Application No.: 10/594,161

Amendment Dated:

April 19, 2010 Reply to Office Action of: January 19, 2010

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

(Currently Amended) A plasma display panel driven by plural subfields 1. forming one field,

the subfields comprising:

a writing period during which writing discharging occurs in discharge cells to be displayed; and

a sustaining period during which sustain discharging occurs in the discharging cells in which the writing discharging occurs during the writing period,

A the plasma display panel comprising:

a first substrate;

plural pairs of display electrodes, each pair consisting of a scanning electrode and a sustain electrode which are arranged parallel to each other on the first substrate;

a second substrate disposed opposite to the first substrate such that a discharge space is formed between the first substrate and the second substrate; and

plural data electrodes disposed on the second substrate in a direction perpendicular to the display electrodes, at least one data electrode of the data electrodes being wider at opposite peripheral portions of the second substrate than in a central portion of the second substrate.

(Original) The plasma display panel of claim 1, wherein an end portion of 2. at least one of the data electrodes is wider than a central portion thereof.

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3. (Original). The plasma display panel of claim 2, wherein the data electrode having the end portion wider than the central portion increases in width

continuously from the central portion of the second substrate toward the peripheral

portion of the second substrate.

4. (Previously Presented) A plasma display panel comprising:

a first substrate;

plural pairs of display electrodes, each pair consisting of a scanning electrode and

a sustain electrode which are arranged parallel to each other on the first substrate;

a second substrate disposed opposite to the first substrate such that a discharge

space is formed between the first substrate and the second substrate; and

plural data electrodes disposed on the second substrate in a direction

perpendicular to the display electrodes, wherein data electrodes disposed at opposite

peripheral portions of the second substrate are wider than a data electrode disposed in a

central portion of the second substrate.

5. (Original) The plasma display panel of claim 4, wherein the plural data

electrodes continuously increase in width from the central portion of the second

substrate toward the peripheral portion of the second substrate.

6. (Previously Presented) The plasma display panel of claim 1, wherein the

at least one data electrode is substantially symmetrical from a central portion of the

electrode to each end portion of the electrode.

7. (Previously Presented) The plasma display panel of claim 4, wherein the

data electrodes disposed at opposite peripheral portions of the second substrate are

arranged symmetrically by width with respect to the data electrode disposed in the

central portion of the second substrate.

8. (Currently Amended) A plasma display panel driven by plural subfields

forming one field,

the subfields comprising:

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a writing period during which writing discharging occurs in discharge cells to be displayed; and

a sustaining period during which sustain discharging occurs in the discharging cells in which the writing discharging occurs during the writing period,

the plasma display panel comprising:

plural pairs of display electrodes, each pair consisting of a scanning electrode and a sustain electrode, arranged parallel to each other on a first substrate, and during the sustaining period, sustaining pulse voltage is applied alternately, and

stripes of plural data electrodes formed on a second substrate in a direction perpendicular to the display electrodes, the second substrate being disposed opposite to the first substrate such that a discharge space is formed between the first substrate and the second substrate,

the plural data electrodes forming discharge cells in each portion facing the display electrodes, and

the plural data electrodes to which writing pulse voltage is applied during the writing period,

wherein each of the data electrodes are wider in a top and bottom peripheral portion than in a central portion of a display screen.

(New) The plasma display panel of claim 1, wherein the at least one data 9. electrode has a middle portion having a first constant width, opposite end portions having a second constant width, and respective tapered portions extending from the middle portion to each of the end portions.